

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-043458

(43)Date of publication of application : 15.02.2000

(51)Int.Cl.

B42D 15/10

B41M 5/40

B44C 1/17

C09J 7/02

(21)Application number : 10-216041

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(22)Date of filing : 30.07.1998

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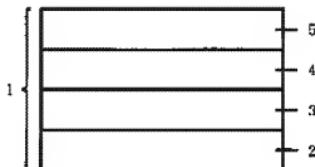
KIJIMA ATSUSHI

(54) MATERIAL TO BE TRANSFERRED AND IMAGE DISPLAY USING IT

(57)Abstract:

PROBLEM TO BE SOLVED: To upgrade security against a forgery, a falsification or the like by covering a surface to be transferred of a material to be transferred for transferring an image of an intermediate transfer medium with an adhesive auxiliary layer having a specific weight, thereby strengthening against an external impact and reducing an impregnation of chemicals.

SOLUTION: An adhesive auxiliary layer 3 is provided on a base material 2 of a material to be transferred. The layer 3 is formed with a range of 0.5 to 50 g/m². Such an auxiliary layer 3 is provided on the surface of the material 2, and hence surface smoothness can be given to the image display of a final state. As a result, possibility of image data falsification can be prevented. Since impregnation of chemicals from a side of the material 2 can be prevented, reliability of the display 1 is improved. Further, at the time of adhering, the layer 3 is melted, and hence adherences of the intermediate transfer medium and the image and the material 2 can be facilitated, and the manufacture of the display 1 is facilitated.



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2.**** shows the word which can not be translated.

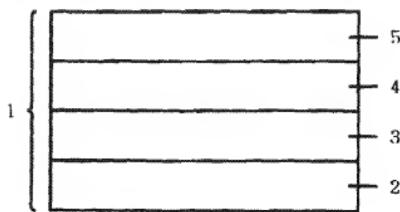
3.In the drawings, any words are not translated.

EFFECT OF THE INVENTION

[Effect of the Invention]As explained above, by equipping a transferred object with an adhesion auxiliary layer, the surface smoothness of the image display body which is the last gestalt can be given, it becomes strong against the shock from the outside, and forgery and an alteration can be prevented. Since excessive heat, **, and time are not needed, but it can paste up, since an adhesion auxiliary layer fuses when pasting up a transferred object and a transfer medium (picture), and a firmer adhesive property is acquired and issue speed can be raised, it can be used also as an instant issue printer. Since the osmosis from the substrate side of a life substance (alcohols, such as alcohol) can be prevented, problems, such as degradation and disappearance of a picture, can be solved, and a reliable image display body can be provided. [0057]By equipping the whole surface with an OVD image, the partial alteration of a mug shot, text, etc. becomes still more difficult, and an image display body with higher forgery prevention nature can be provided.

[Translation done.]

Drawing selection Representative drawing



[Translation done.]